



PTO FORM 92

FORM RE-1449

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ATTY.
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CM1831ML

SERIAL NO. 09/743,933

LIST OF PATENTS AND PUBLICATIONS

APPLICANT

BOTTOMLEY, IAN et al

FOR APPLICANT'S INFORMATION

FILING DATE

February 21, 2001

GROUP

3661

DISCLOSURE STATEMENT

FOR: Robotic System

UNITED STATES LETTERS PATENT

		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS
mm	aa	0	3	6	7	4	2	0	Aug. 2, 1887	Luchs		
	ab	2	7	7	0	0	7	4	Nov. 13, 1956	Jones et al.		
	ac	3	0	8	8	1	5	7	May 7, 1963	Aguilar		
	ad	3	9	5	2	3	6	1	Apr. 27, 1976	Wilkins		
	ae	3	9	6	3	0	9	6	June 15, 1976	Jones		
	af	4	1	1	4	7	1	1	Sep. 19, 1978	Wilkins		
	ag	4	1	6	1	7	9	3	Jul. 24, 1979	Merchan		
	ah	4	3	0	6	3	2	9	Dec. 22, 1981	Yokoi		
	ai	4	5	1	5	2	3	5	May 7, 1985	Yamamoto et al.		
	aj	4	6	7	4	0	4	8	Jun. 16, 1987	Okumura		
	ak	4	7	0	0	4	2	7	Oct. 20, 1987	Knepper		
	al	4	7	0	2	7	1	8	Oct. 27, 1987	Yanase		
	am	4	7	8	2	5	5	0	Nov. 8, 1988	Jacobs		
	an	4	9	3	3	8	6	4	Jun. 12, 1990	Evans, Jr. et al.		
	ao	4	9	7	7	6	3	9	Dec. 18, 1990	Takahashi et al.		
	ap	5	0	1	2	8	8	6	May 7, 1991	Jonas et al.		
	aq	5	1	0	9	5	6	6	May 5, 1992	Kobayashi et al.		
	ar	5	1	5	5	6	8	4	Oct. 13, 1992	Burke et al.		
	as	5	2	7	9	6	7	2	Jan. 18, 1994	Betker et al.		
	at	5	2	9	3	9	5	5	Mar. 15, 1994	Lee		
	au	5	3	4	1	5	4	0	Aug. 30, 1994	Soupert et al.		
	av	5	4	4	0	2	1	6	Aug. 8, 1995	Kim		
	aw	5	4	5	1	0	1	4	Sep. 19, 1995	Dare et al.		
mm	ax	5	4	5	3	9	3	1	Sep. 26, 1995	Watts, Jr.		
	ay	5	6	1	3	2	6	1	Mar. 25, 1997	Kawakami et al.		
	az	5	6	2	2	2	3	6	Apr. 22, 1997	Azumi et al.		
mm	ba	5	6	3	6	4	0	2	Jun. 10, 1997	Kubo et al.		
	bb	5	7	8	7	5	4	5	Aug. 4, 1998	Colens		
	bc	5	8	1	5	8	8	0	Oct. 6, 1998	Nakanishi		
	bd	5	8	8	3	8	6	1	Mar. 16, 1999	Moser et al.		
	be	5	8	9	4	6	2	1	Apr. 20, 1999	Kubo		
	bf	5	9	0	3	1	2	4	May 11, 1999	Kawakami		
	bg	5	9	0	4	1	9	6	May 18, 1999	Wickers		
	bh	5	9	1	7	4	4	2	Jun. 29, 1999	Manoogian		
	bi	5	9	1	9	0	7	8	Jul. 6, 1999	Cassidy		
	bj	5	9	4	0	9	2	7	Aug. 24, 1999	Haegermarck et al.		
	bk	5	9	4	2	8	6	9	Aug. 24, 1999	Katou et al.		
	bl	5	9	4	3	0	0	9	Aug. 24, 1999	Abbott		
	bm	5	9	7	4	3	4	7	Oct. 26, 1999	Nelson		
	bn	5	9	8	8	3	0	6	Nov. 23, 1999	Ooishi		
	bo	5	9	9	8	9	5	3	Dec. 7, 1999	Nakamura et al.		
my	bp	5	9	9	9	8	6	6	Dec. 7, 1999	Kelly et al.		

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UNITED STATES LETTERS PATENT (CONT'D)

		DOCUMENT NUMBER								DATE	NAME	CLASS	SUB CLASS
<i>mw</i>	bq	6	0	7	6	0	2	5		Jun. 13, 2000	Ueno et al.		
<i>mw</i>	br	6	0	7	6	2	2	6		Jun. 20, 2000	Reed		
<i>mw</i>	bs	6	1	1	9	0	5	7		Sep. 12, 2000	Kawagoe		
<i>mw</i>	bt	6	1	2	4	6	9	4		Sep. 26, 2000	Bancroft et al.		

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUB CLASS
	bu	DE 3536974 A1								Apr. 23, 1987	Germany		
	bv	EP 0786229 A2								July 30, 1997	Europe		
<i>mw</i>	bw	FR 234 047								April 8, 1977	France		
	bx	WO 00/04430								Jan. 27, 2000	PCT		
	by	WO 99/7348.6								July 24, 1999	PCT		
<i>mw</i>	bz	WO 97/02075								Jan. 23, 1997	PCT		
<i>mw</i>	ca	WO 90/14788								Dec. 13, 1990	PCT		

OTHER ART (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	cb	U.S. Patent Application Serial No. 09/715,307 Bartsch et al., Nov. 17, 2000											
	cc	U.S. Patent Application Serial No. 09/580,083 Kirkpatrick et al., May 30, 2000											
	cd	EPO Application No. 98305761.3, The Procter & Gamble Company, July 20, 1998											
<i>mw</i>	ce	Japanese Patent Application Hei 9-36 4773, Ueno Ichiro et al., December 22, 1977											
<i>mw</i>	cf	Japanese Patent Application Hei 9-36 4774, Kato Hironobu et al., December 22, 1977											
	cg	Sekiguchi, M. et al. "Behavior Control For A Mobile Robot By Multi-Hierarchical Neural Network" Proceedings of the International Conference on Robotics and Automation, Scottsdale, May 15-19, 1989, Vol. 3											
	ch	Hofenstein, A. et al. "Collision Avoidance in a Behavior-Based Mobile Robot Design" Proceedings of the International Conference on Robotics and Automation, Sacramento, Apr. 9-11, 1991, Vol. 1											
	ci	Fei Yue Wang et al. "A Petri-Net Coordination Model for an Intelligent Mobile Robot" IEEE Transactions on Systems, Man and Cybernetics, vol. 21, no. 4, July 1, 1991											
	cj	Hinkel R., et al., "An Application for a Distributed Computer Architecture-Realtime Data Processing in an Autonomous Mobile Robot" International Conference on Distributed Computing Systems, San Jose, June 13-17, 1988, no. 1988, June 13, 1988											

EXAMINER *mw* DATE CONSIDERED *10/4/04*

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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LIST OF PATENTS AND PUBLICATIONS APPLICANT BOTTOMLEY, IAN et al

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		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS
<i>mm</i>		5	6	1	3	2	6	1	Oct. 27, 1995	Kawakami et al		
<i>mm</i>		5	6	2	2	2	3	6	Apr. 22, 1997	Azumi et al		

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS
<i>mm</i>		DE 3536974							Apr. 23, 1987	Germany		
<i>mm</i>		EP 0786229							July 30, 1997	Europe		
<i>mm</i>		DE 3536974							Apr. 23, 1987	Germany		

OTHER ART (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

<i>mm</i>		U.S. Patent Application Serial No. 09/715,307 Bartsch et al, Nov. 17, 2000										
<i>mm</i>		U.S. Patent Application Serial No. 09/580,083 Kirkpatrick et al, May 30, 2000										
<i>mm</i>		WO 9917348.6 Bottomley et al, July 24, 1999										
<i>mm</i>		Sekiguchi, M. et al "Behavior Control For A Mobile Robot By Multi-Hierarchical Neural Network" Proceedings of the International Conference on Robotics and Automation, Scottsdale, May 15-19, 1989, Vol. 3										
<i>mm</i>		Holenstein, A. et al "Collision Avoidance in a Behavior-Based Mobile Robot Design" Proceedings of the International Conference on Robotics and Automation, Sacramento, Apr. 9-11, 1991, Vol. 1										
<i>mm</i>		Fei Yue Wang et al "A Petri-Net Coordination Model for an Intelligent Mobile Robot" IEEE Transactions on Systems, Man and Cybernetics, vol. 21, no. 4, July 1, 1991										
<i>mm</i>		Hinkel R., et al, "An Application for a Distributed Computer Architecture-Realtime Data Processing in an Autonomous Mobile Robot" International Conference on Distributed Computing Systems, San Jose, June 13-17, 1988, no. 1988, June 13, 1988										

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